ILHIE ILLINOIS HEALTH INFORMATION EXCHANGE

ILHIE AUTHORITY BOARD MEETING

July 17, 2013

12PM

ILHIE AUTHORITY BOARD

- Welcome
- Roll Call
- Approval of Agenda
- Approval of May Meeting Minutes

ILHIE ILLINOIS HEALTH INFORMATION EXCHANGE

ILHIE CHAIR REPORT

Dave Holland

ILHIE ILLINOIS HEALTH INFORMATION EXCHANGE

ILHIE EXECUTIVE DIRECTOR UPDATE

Raul Recarey
Laura Zaremba

ILHIE ILLINOIS HEALTH INFORMATION EXCHANGE

HealtheWay & the DURSA

Overview

By: Raul Recarey

HealtheWay™

Nationwide Health Information Network (NwHIN)

The Office of the National Coordinator for Health Information Technology (ONC) has provided funding for a number of health IT programs, including the development of the **Nationwide Health Information Network (NwHIN)—a set of standards, services, and policies that enable the secure exchange of health information over the Internet**. **The NwHIN is NOT a physical network** that runs on servers at the U.S. Department of Health & Human Services, nor is it a large network that stores patient records.

Nationwide Health Information Network (NwHIN)

UPDATE, July 2012: The operational network formerly known as the Nationwide Health Information Network (NwHIN or NHIN) Exchange is now known as the eHealth Exchange. The ONC and the Coordinating Committee have officially designated Healtheway, Inc. as the legal entity that will operationally support the eHealth Exchange. Healtheway operates under the direction of the Exchange Coordinating Committee.

NwHIN becomes HealtheWay on July 2012

New Name

About

Healtheway is a non-profit organization chartered to operationally support the eHealth Exchange. Currently,

- 40 participants ***include:***
- 4 federal agencies,
- 6 states,
- 8 beacon communities and more than
- 2 Health Information Organizations (HIOs) and health systems, which represent 100's of hospitals, 1,000's of providers and millions of patients.

Healtheway collaborate across the healthcare industry to develop implementation strategies that enable secure, interoperable nationwide exchange of health information. For more information about Healtheway: www.healthewayinc.org.

HealtheWay – Current Members

- Alabama One Health Record
- Centers for Medicare and Medicaid Services (CMS)
- Children's Medical Center of Dallas
- Community Health Information Collaborative (CHIC)
- Conemaugh Health System (CHS)
- Department of Defense (DOD)
- Department of Veterans Affairs (VA)
- Dignity Health
- Douglas County Individual Practice Association (DCIPA)
- Eastern Tennessee Health Information Network (etHIN)
- EHR Doctors
- Hawaii Pacific Health (HPH)
- HealthBridge
- HealtheConnections RHIO (Central NY)
- Idaho Health Data Exchange (IHDE)
- Indiana Health Information Exchange
- Inland Northwest Health Services

HealtheWay – Current Members

- Kaiser Permanente
- Lancaster General Health
- Marshfield Clinic
- Medical University of South Carolina (MUSC)
- MedVirginia
- MultiCare Health System
- National Renal Administrators Association (NRAA)
- New Mexico Health Information Collaborative
- North Carolina Healthcare Information and Communications Alliance, Inc. (NCHICA)
- OCHIN
- Quality Health Network (QHN)
- Redwood MedNet
- Regenstrief Institute
- San Diego Beacon
- Strategic Health Intelligence

HealtheWay – Current Members

- Social Security Administration (SSA)
- South Carolina Health Information Exchange (SCHIEx)
- South East Michigan Health Information Exchange (SEMHIE)
- UC Davis Health System
- Utah Health Information Network (UHIN)
- Western New York HEALTHeLINK
- Wright State University

HealtheWay Goals

- Advance implementation of HIE and increase participation in HIE across the US;
- Improve clinical decision making and coordination, quality and affordability of care;
- Support meaningful use;
- Enhance disease surveillance, support preparedness and routine public health missions to improve public health; and

Benefits of ILHIE Joining HealtheWay

- Aligned with ILHIE position of promoting national standards;
- Simplifies connectivity to other states & organizations;
- Standardized agreement (DURSA) eliminates one-off's
- Pathway to connect to Veterans Administration (VA)

HealtheWay Participation Fees

Annual Participation Fee (Based on Annual Revenue)

- $10 Million or more = **$19,900**
- $1 Million to less than $10 Million = **$9,950**
- Less than $1 Million = **$4,750**

Status

- HealtheWay application submitted
- Technical specifications sent to InterSystems (ISC)
- Development of test interface is in ISC queue
- Estimated test phase & certification to be completed in 2013

ILHIE Technical Overview

- Completed specifications for Patient Consent Management.
- ILHIE is developing plans with InterSystems to implement patient consent flags
- We will soon receive a statement of work for:
  - Medical Home Network (continuity of care)
  - Child Health Improvement Plan Reorganization Plan (prenatal tracking application)
- Engaging with vendors (NextGen and CPSI) which affects our clients in the state
- By the end of July and early August, we will have the RFI out for 3rd party applications

Current Onboarding Pipeline

Organization Name	Hospitals	Providers	FQHC	Small Practices	Other	Agreement
HHO	0	348	12	5	0	2
ICAHN	17	1379	0	0	0	17
SIHIE	2	110	4	22	0	1
CIHIE	0	410	0	0	6	1
Medical Home Network	4	550				In-Progress
Mercy Hospital	1					Signed
North Shore	4					Signed
Near North Health	1		1			Signed
Public Health Node/IDPH	2					Signed
Direct	44	146	18	64	358	
Totals	**73**	**2,943**	**35**	**91**	**364**	

***Please Note:** The numbers above only indicate entities with signed agreements. These number do not reflect the total projected amount of entities currently within the ILHIEA Business and On-Boarding Pipeline.*

ILHIE ILLINOIS HEALTH INFORMATION EXCHANGE

ILHIE Consumer Education Toolkit

ILHIE Consumer Education Workgroup

- Provide a forum for consumer comment, education and the development of consumer initiatives relating to EHR in IL

- Consumer education and engagement are cornerstones for the implementation of a successful state health IT program. It is also critical to prepare consumers to make the most informed health IT consent decisions possible

ILHIE Consumer Education Workgroup

- The Toolkit was developed by the ILHIE Consumer Education Workgroup and reviewed by Illinois Health Information Exchange's (ILHIE's) Advisory Committee consisting of leaders in health IT

- Developed to provide health care professionals with simple, informative materials to share with their patients to better understand health IT, empower them to connect and be more proactive in their health

Consumer Education Toolkit

- **This presentation is designed to introduce you to the communication tools developed to:**
  - Educate your patients about the changing world of health IT
  - How it will impact them
  - Help them to make informed consent decisions

ILHIE HIE Consumer Education Toolkit

Talking to Your Patients About Health IT

- **As a health care provider, you are likely seeing the direct impact of health IT in your practice**
  - It is important that you educate your patients about how these changes will impact them and how to answer their questions?
  - **The ILHIE Consumer Education Toolkit will help!**

Technology Without Education?

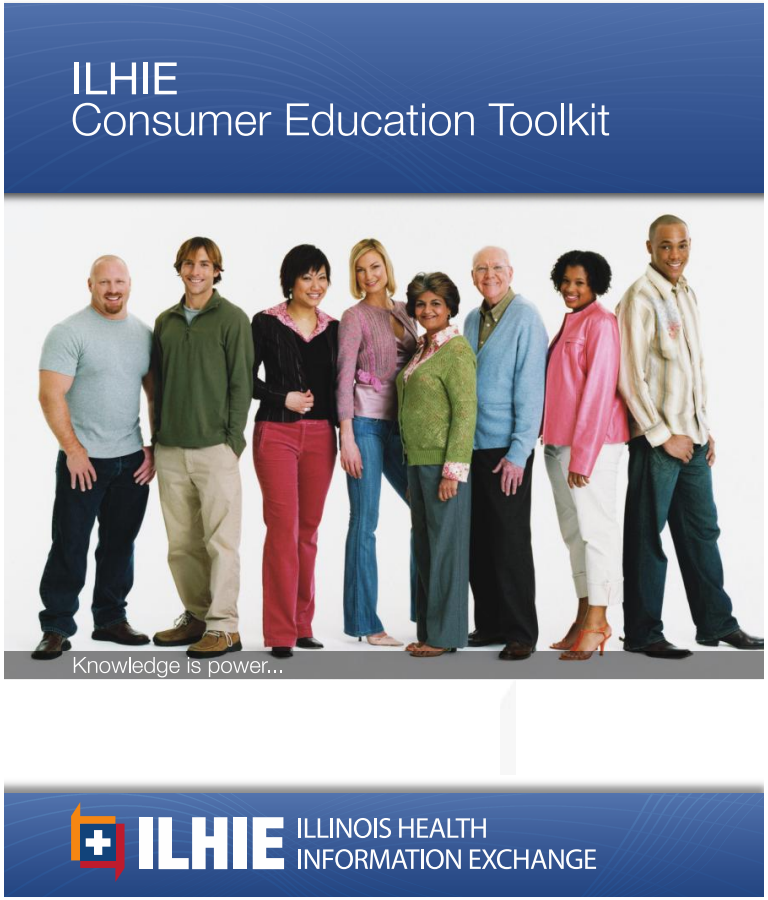
- **Have you explained the benefits of the below health IT efforts to your patients?**
  - Do you have an EHR?
  - Does or will your office e-prescribe?
  - Are there computers now in exam rooms?
  - Do your patients have electronic health records?
  - Do you provide a secure patient portal for communications?
  - Can patients make appointments online?
  - Can patients securely email their providers?
  - Do you send out email appointment reminders?

What's in the Toolkit

- **Highlights**
  - Frequently Asked Questions
  - Explanation of the basics of electronic health records
  - Benefits of electronic health records
  - Case Studies – stories
  - Videos
  - Spanish and English
  - Information for patients/consumers and health care providers
  - How to talk to patients about health IT

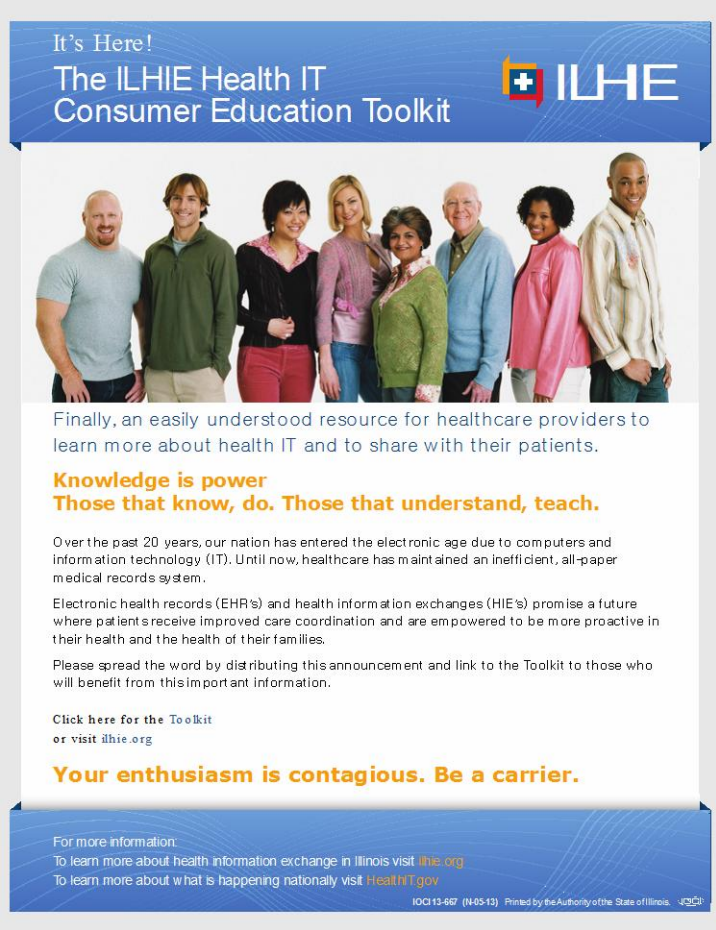
Versions of the Toolkit

- 1. Consumers in English
- 2. Consumers in Spanish
- 3. Providers in English
- 4. Providers in Spanish
- 5. Word Version in English for cutting, pasting, editing at will



Leveraging the Toolkit

- Send out the Single Page Promotional Piece with the hyperlink of the Toolkit to your organization's providers



Leveraging the Toolkit

- Post the Toolkit and videos on your **website**

Leveraging the Toolkit

- Include health IT information and links to the Toolkit in your provider and consumer **newsletters**

Leveraging the Toolkit

- Add education about health IT to your consumer education programs and **staff education** sessions

Leveraging the Toolkit

- **Watch your email for a soon-to-be-scheduled webinar on how providers can best utilize the Toolkit**

Consumer Education Toolkit

- **You are on the Frontline**
  - **You** are essential to integrating health IT into your practice
  - **You** are witnessing the direct impact of health IT
  - **You** are the ones to answer questions and to educate your patients about health IT and how these changes impact their lives

Those That Know Do

Those That Understand

Teach

How Will You

Spread the Word?

Resources

- Illinois Health Information Exchange (ILHIE)
  - ilhie.org
- Office of the National Coordinator for Health IT (ONC)
  - healthIT.gov
- Danny.Kopelson@illinois.gov

ILHIE Direct

- Over **2,000 active mailboxes**, representing over **650** different organizations
  - Utilization increasing – **1,722 messages** exchanged during the month of June
- Integrated (Enterprise) Direct
  - Currently working with first Integrated Direct customer
  - Organization uses an EPIC EHR system and will integrate with ILHIE Direct using XDR
  - On track to go live in September
  - Successful EHR integration will set the stage for future integration projects

ILHIE Direct continued

- HISP to HISP connections
  - Currently Interoperable With…
    - Central Illinois Health Information Exchange
    - Missouri Health Connection
  - Working on Connections To…
    - LincolnLand HIE/Illinois Health Exchange Partners
    - Iowa e-Health
    - Other HISPS in Illinois and surrounding states
- HPD+ Pilot Project
  - ILHIE just joined
  - Will facilitate a national standard for sharing directories among HISPs

ILHIE Business Development

Market Analysis of all Hospitals

- We are working on a land scape survey across the state
- Status update of their HIT plan and time period
- Which vendor they are using / considering for their On-Boarding

On-Boarding Customers

- Comprehensive list of 60 trading partners
- Working with Grant Recipients pulling together their trading partners
- Working with a major EHR vendor to acquire their trading partners

Illinois EHR Incentive Program Update

Medicare & Medicaid EHR Incentive Programs Participation in Illinois*

- Registered Medicaid EPs – 4,686
- Registered Medicare EPs – 11,953
- Registered Hospitals - 170

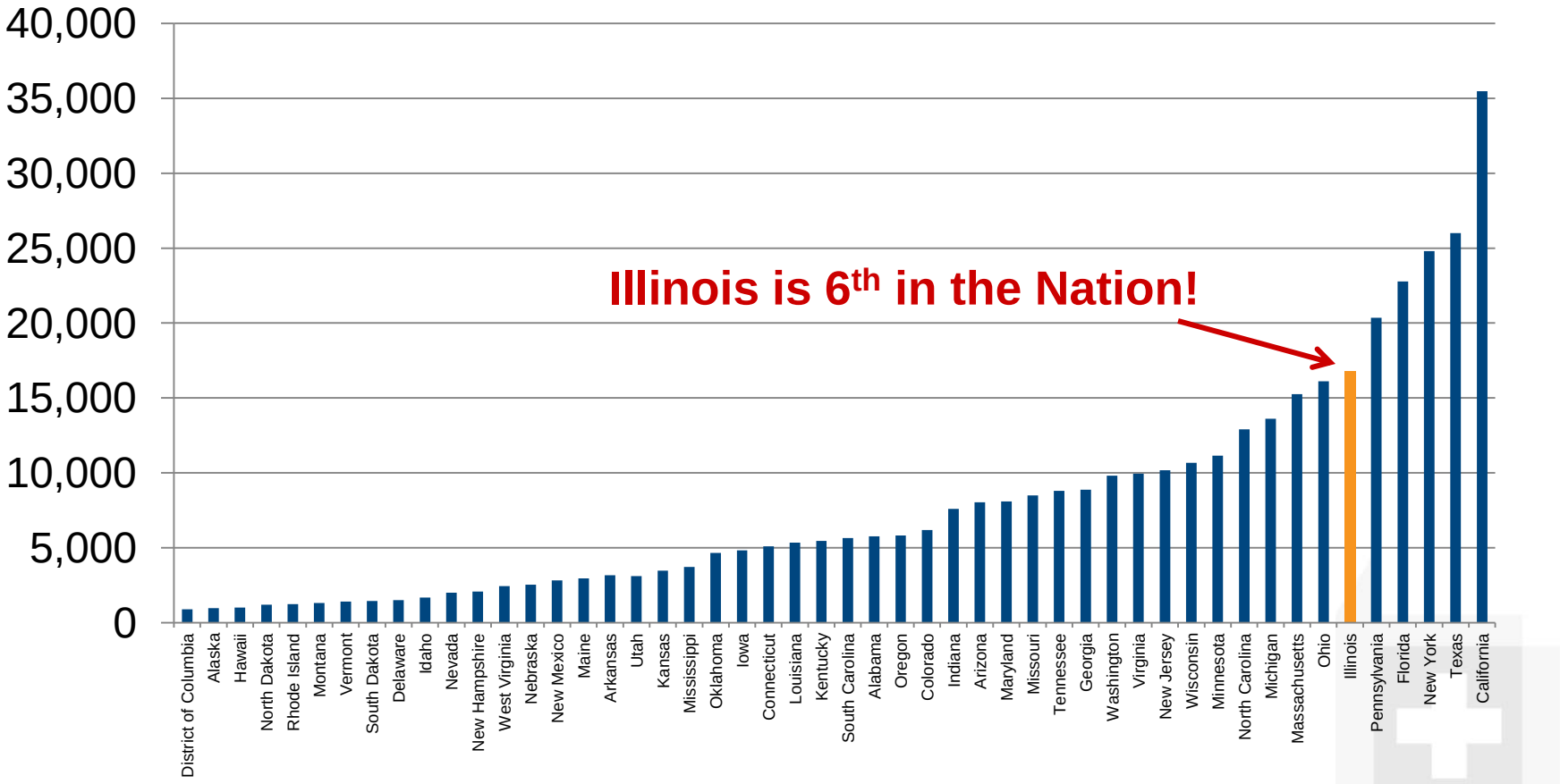
- EP Payments - $253,642,794
- Hospital Payments - $391,647,201
- Total Illinois Payments - $645,289,995

*Registration Detail: Centers for Medicare & Medicaid Services, *EHR Program Registrations by State and Program Type* as of May 31, 2013.

*Payment Detail: Centers for Medicare & Medicaid Services, *Combined Medicare and Medicaid Payments by States* through May 31, 2013.

Illinois EHR Incentive Program Update

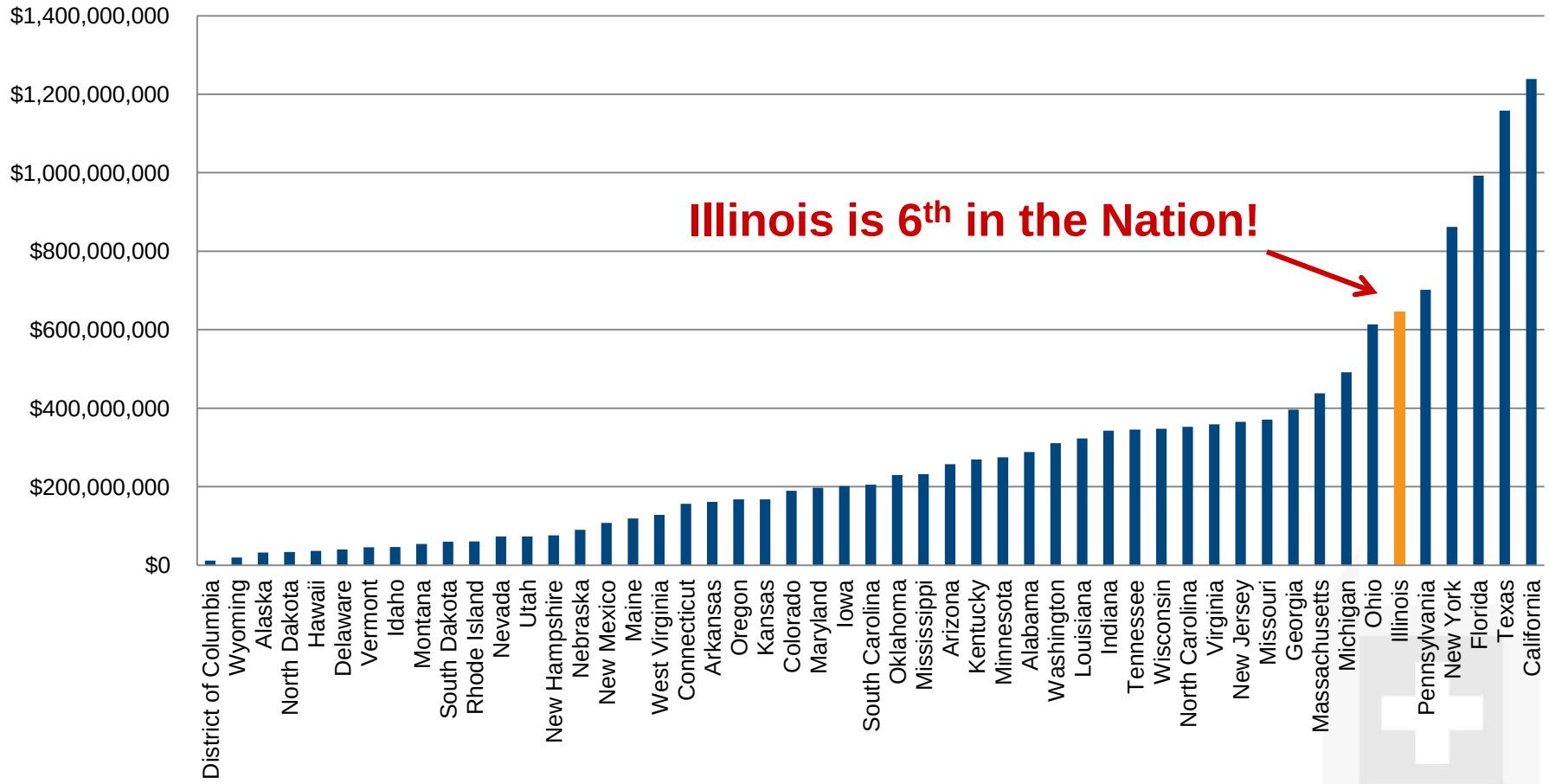
Incentive Programs Registrations by State



Centers for Medicare & Medicaid Services, *EHR Program Registrations by State and Program Type* as of May 31, 2013. Does not include territories registered for the Medicare and Medicaid EHR Incentive Program s.

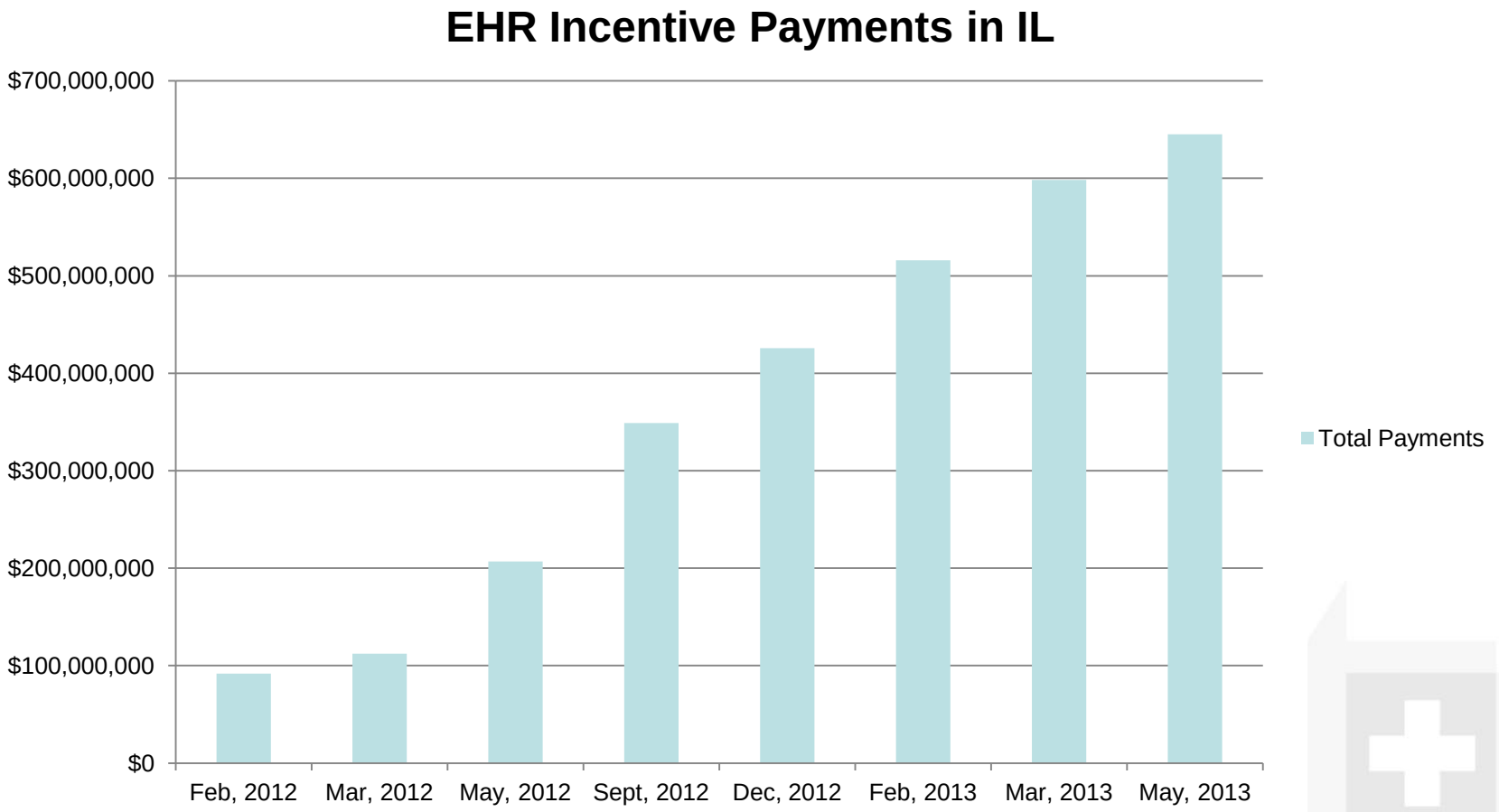
Illinois EHR Incentive Program Update

Incentive Payments by State



Centers for Medicare & Medicaid Services, *Combined Medicare & Medicaid Payments by State* January 2011 – May31, 2013. Does not include territories receiving incentive payments.

Illinois EHR Incentive Program Update



Alliance for Health Update

- Federal initiative to foster innovative health care models in the states
- Illinois plan on target to be submitted in October for 3-year Model testing phase
- Plan will have implications for ILHIE
- www.healthcarereform.illinois.gov

Alliance for Health Update

- Model components relevant to the ILHIE:
  - Create of integrated delivery systems that include primary care, specialists, hospitals, home care, long-term care, community health workers, and behavioral health
  - Include providers of non-health resources that impact health status (i.e., housing, job training)
  - Connect all stakeholders through technology
- Additional policies under consideration

HB1017 enactment

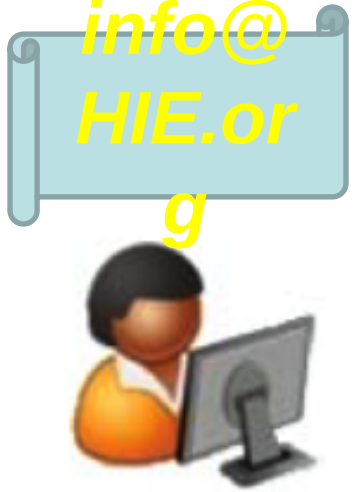
- 10 endorsing organizations
  - Community Behavioral Healthcare Association of Illinois (CBHA); Illinois Academy of Family Physicians (IAFP); Illinois Alcoholism and Drug Dependence Association (IADDA); Illinois Association of Rehabilitation Facilities (IARF); Illinois College of Emergency Physicians (ICEP); Illinois Hospital Association (IHA); Illinois Primary Health Care Association (IPHCA); Illinois Psychiatric Society (IPS); Illinois State Medical Society (ISMS); National Association of Social Workers (NASW) – Illinois Chapter
- 10 legislative sponsors
  - Rep. Sara Feigenholtz; Rep. Al Riley; Rep. David R. Leitch; Rep. Elaine Nekritz; Rep. Elgie R. Sims, Jr. ; Rep. Camille Y. Lilly; Sen. Heather Steans; Sen. Don Harmon; Sen. Dave Syverson; Sen. Mattie Hunter

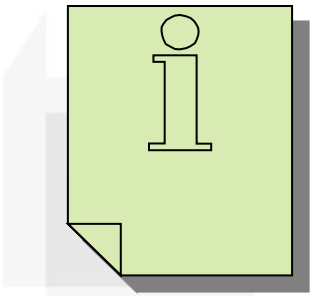
HB1017 enactment

- March 8, 2013: Passed in House (115-0)
- May 23, 2013: Passed in Senate, with amendment (57-0)
- May 28, 2013: House concurs amended version (117–0)
- **Governor Quinn to sign bill, immediate effective date (prior to end of August)**

Form and content of patient “opt-out” and “meaningful disclosure”

- Patient to be offered **“opt-out”** after **“meaningful disclosure”**
- *The Authority shall through appropriate rules, standards, or contractual obligations ... give consideration to*
  - *the **format and content of the meaningful disclosure***
  - *and the availability to recipients of **information regarding an HIE** and the **[opt-out] rights** of recipients*
- *These rules, standards, or contractual obligations shall provide for **written notice** of a recipient's right to opt-out which directs the recipient to a health information exchange **website** containing*
  - *(i) an **explanation of the purposes** of the health information exchange;*
  - *and (ii) audio, visual, and written instructions on **how to opt out** of participation in whole or in part to the extent possible.*





Data segmentation technology annual review criteria

The ... Authority shall also give ***annual consideration*** *…*

[to] the extent to which ***relevant health information technologies***

① ❖ *are* ***reasonably available*** *to therapists and HIEs in this State*

② ❖ ***reasonably enable the effective segmentation of specific information*** *within a recipient's electronics medical record*

③ ❖ *and reasonably enable the* ***effective exclusion*** *of specific information from disclosure by an HIE to third parties,*

④ ❖ *as well as the availability of* ***sufficient authoritative clinical guidance*** *to enable the* ***practical application*** *of such technologies to effect recipient disclosure preferences.*

... the Authority Board shall consider information provided by affected persons or organizations regarding

⑤ ❖ *the* ***feasibility****,*

⑥ ❖ ***availability****,*

⑦ ❖ ***cost****,*

⑧ ❖ ***reliability****, and*

⑨ ❖ ***interoperability***

of any technology or process under consideration by the Board.

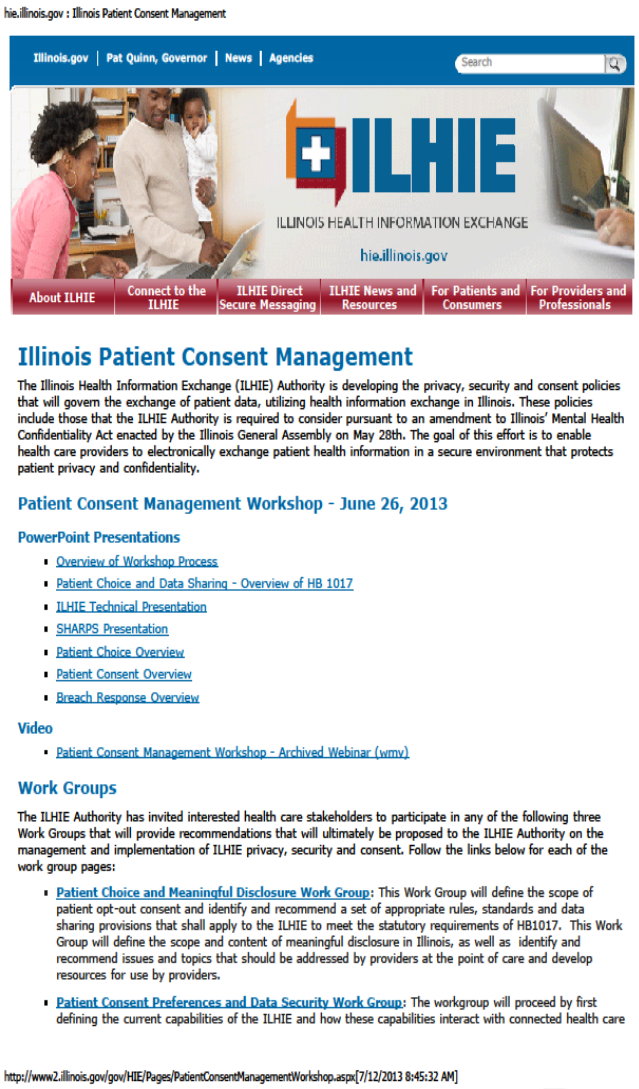
Patient Consent Management Workshop

June 26, 2013

- 200 + participants: Chicago; Springfield; webinar
- 3 subject matter workgroups:
- Patient Choice & Meaningful Disclosure [opt-out]
  - Co-chairs: David Carvalho & Marcia Mathias
- Patient Consent Preferences & Data Security [tech review]
  - Co-chairs: Peter Eckart & Harry Rhodes
- Breach Response Protocol [enforcement]
  - Co-chairs: Laurel Fleming & David Miller

July 29/30 – RHIO Work Group

[tech discussion: MPI, interoperability]



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Illinois Patient Consent Management

The Illinois Health Information Exchange (ILHIE) Authority is developing the privacy, security and consent policies that will govern the exchange of patient data, utilizing health information exchange in Illinois. These policies include those that the ILHIE Authority is required to consider pursuant to an amendment to Illinois' Mental Health Confidentiality Act enacted by the Illinois General Assembly on May 28th. The goal of this effort is to enable health care providers to electronically exchange patient health information in a secure environment that protects patient privacy and confidentiality.

Patient Consent Management Workshop - June 26, 2013

PowerPoint Presentations

- Overview of Workshop Process
- Patient Choice and Data Sharing - Overview of HB 1017
- ILHIE Technical Presentation
- SHARPS Presentation
- Patient Choice Overview
- Patient Consent Overview
- Breach Response Overview

Video

- Patient Consent Management Workshop - Archived Webinar (wmv)

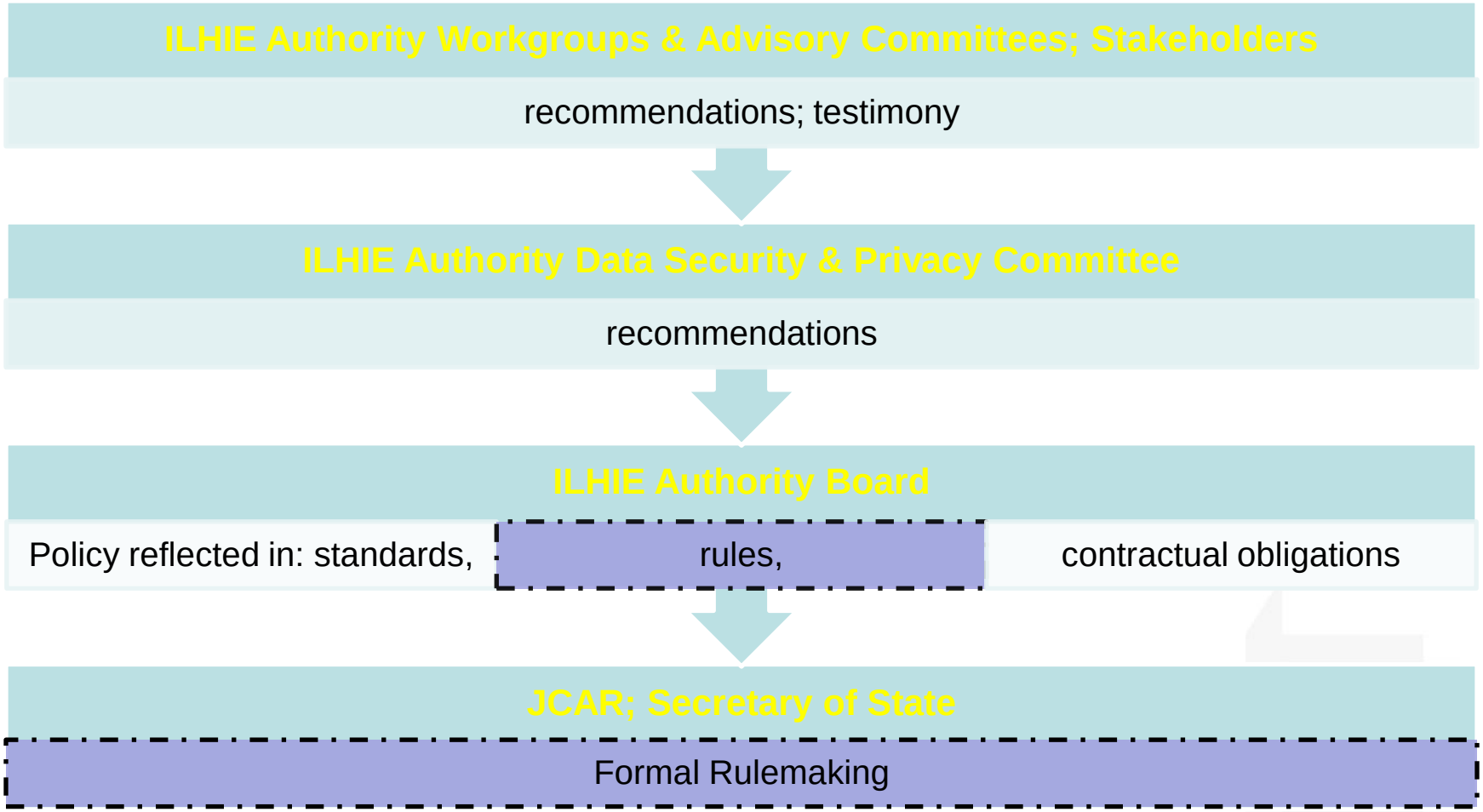
Work Groups

The ILHIE Authority has invited interested health care stakeholders to participate in any of the following three Work Groups that will provide recommendations that will ultimately be proposed to the ILHIE Authority on the management and implementation of ILHIE privacy, security and consent. Follow the links below for each of the work group pages:

- Patient Choice and Meaningful Disclosure Work Group: This Work Group will define the scope of patient opt-out consent and identify and recommend a set of appropriate rules, standards and data sharing provisions that shall apply to the ILHIE to meet the statutory requirements of HB1017. This Work Group will define the scope and content of meaningful disclosure in Illinois, as well as identify and recommend issues and topics that should be addressed by providers at the point of care and develop resources for use by providers.
- Patient Consent Preferences and Data Security Work Group: The workgroup will proceed by first defining the current capabilities of the ILHIE and how these capabilities interact with connected health care

http://www2.illinois.gov/gov/HIE/Pages/PatientConsentManagementWorkshop.aspx[7/12/2013 8:45:32 AM]

ILHIE Authority Deliberative Process



ILHIE Deliberative Timeline

- **July/Aug 2013** – Work Groups deliberate & formulate policy recommendations
- **Mid-Sept/Oct 2013** – Recommendations to ILHIE Authority Data Security & Privacy Committee (DSPC)
- **Nov 13, 2013** – DSPC Recommendation to the ILHIE Authority Board for Board adoption
- **Nov/Dec 2013** – Publication of First Notice of Rulemaking
- **2014** – Rulemaking lasts no less than 90 days, no more than 365

Budget & Finance Committee Report

ILHIE AUTHORITY BOARD

OHIT CFO Report on recent financial activity

- Primary sources of expenditures:
  - Ongoing OHIT and ILHIEA personnel and fringe benefits
  - OHIIT payments to InterSystems Corporation (technology partner)
  - OHIT payments to provide HIE services to rural and underserved areas across Illinois
  - OHIT payments to financially remunerate the ILHIE Authority for helping to establish HIE connectivity

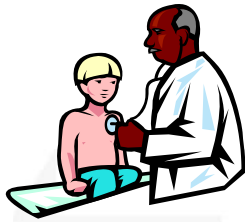
ILHIE AUTHORITY BOARD

ILHIE Authority on-boarding activities

- Up to $2M allocated to on-board entities and provide HIE services to rural and underserved areas across Illinois
  - 21 hospitals
  - 15 FQHC
  - 27 small practices
  - 6 LTC facilities
  - Over 2,000 providers

Hospitals

Physicians



Clinics

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Financial remuneration to the ILHIE Authority

- Up to $3.3M allocated to financially remunerate the ILHIE Authority for establishing HIE connectivity
  - ILHIE Authority remuneration invoices totaling nearly $1.2M are currently being processed

Bi-directional exchange

Enterprise Direct

PHN Connectivity

RHIO Connectivity

ILHIE AUTHORITY BOARD

ILHIE Authority Cost-Plus business model

- Includes the revised and Board approved ILHIE staffing plan
- Includes projected annual revenue from IL Medicaid
- Includes anticipated OHIT financial remuneration as other revenue
- Refined revenue categories and customer definitions, and related user-based pricing

7/17/13 ILHIEA Pro-Forma

ILHIE AUTHORITY BOARD

ILHIE Authority Financial pro-forma

	ILHIE Authority Projected Budget			
	State Fiscal Year 7/1/12-6/30/13	State Fiscal Year 7/1/13-6/30/14	State Fiscal Year 7/1/14-6/30/15	Cumulative Totals
ILHIEA Revenue				
Public Funding				
Foundational Federal Funding	$ 251,291	$ 1,459,404	$ -	$ 1,710,695
State Medicaid Funding	$ -	$ -	$ 3,100,000	$ 3,100,000
Total Public Funding	$ 251,291	$ 1,459,404	$ 3,100,000	$ 4,810,695
Other Revenue				
Remuneration Receipts	$ -	$ 3,346,316	$ -	$ 3,346,316
User Fees from ILHIE Technical Services:				
ILHIE Direct	$ 1,080	$ 50,000	$ 100,000	$ 151,080
Enterprise Direct	$ -	$ 60,000	$ 120,000	$ 180,000
Bi-Directional Exchange	$ -	$ -	$ 750,000	$ 750,000
Total Other Revenue	$ 1,080	$ 3,456,316	$ 970,000	$ 4,427,396
Prior Year Net Operational Surplus	$ -	$ 1,080	$ 1,997,992	$ 1,999,072
Total Revenue	**$ 252,371**	**$ 4,916,800**	**$ 6,067,992**	**$ 11,237,163**
ILHIEA Operating Expenditures				
Salaries and other expenditures (Note 1)	$ 251,291	$ 2,348,808	$ 3,280,923	$ 5,881,021
Technical Services Costs (Note 2)	$ -	$ 570,000	$ 1,480,000	$ 2,050,000
Total Operating Expenditures	**$ 251,291**	**$ 2,918,808**	**$ 4,760,923**	**$ 7,931,021**
Net Operating Surplus / (Deficit)	**$ 1,080**	**$ 1,997,992**	**$ 1,307,070**	**$ 3,306,142**

Governance & Nominating Committee Report

ILHIE Data Security & Privacy Committee Report

ILHIE Advisory Committee Update

Regional HIE Update

Regional Extension Center Update

Public Comment

ILHIE ILLINOIS HEALTH INFORMATION EXCHANGE

ILHIE AUTHORITY BOARD

THANK YOU!